Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 09 Sep 2021 until 23:59 on Friday 10 Sep 2021

Forecast Issued on Thursday 09 Sep 2021 at 01:13

Confidence: High for generally bright conditions with the risk of heavy showers into the end of the week. Looking drier and more settled into the weekend and the start next week but confidence reducing.

Headline for Thursday 09 Sep 2021: Warm and generally bright with the risk of some heavy, thundery showers into the afternoon and evening.

Mountain weather hazards on Thursday 09 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms High Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Thundery showers	Thundery showers	Thundery showers	Partly cloudy (night)
Precipitation probability					
10%	10%	30%	50%	30%	20%

Forecast for Thursday 09 Sep 2021

Weather: Overnight showers will move away to give a dry morning with any early low cloud clearing. A warm, muggy afternoon with plenty of sunny spells, but scattered heavy and thundery showers will develop through the day. Some of these may be briefly torrential, and a Met Office weather warning for thunderstorms has been issued. Showers will tend to slowly fade into the evening and overnight.

Chance of cloud free mountain/hill tops above 600m: 40% to start the day, improving to 90% through the morning but with heavy showers likely to obscure peaks where they occur during the afternoon and evening.

Visibility: Patchy low cloud possible to start the day, with bases of 200-400m in places, these clearing through the morning. Visibility becoming generally good into the afternoon but falling to a few kilometres during showers, and locally worse over some exposed peaks as cloud bases may lower to 400-600m in association with particularly heavy showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 09 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/11 S	10/13 S	12/17 SW	10/14 SW	6/9 S	10/15 S	12/17 SW
300	6/9 S	7/11 S	10/14 SW	8/12 SW	5/8 S	7/12 S	8/13 S
Valley	4/9 S	5/10 S	7/13 SW	6/11 SW	3/7 S	4/10 SE	5/12 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/15	16/14	17/15	16/15	15/15	15/13	14/12
300	18/17	18/17	19/18	18/18	18/18	17/17	16/16
Valley	17/17	19/19	20/20	20/20	18/19	17/18	16/16
Freezing Level*	3100m	3100m	3100m	3100m	3100m	3100m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Showers and thunderstorms can be highly localised, and forecasts can change quickly so make sure to stay up to date with the forecast and the latest Met Office Weather Warnings through the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 09 Sep 2021	0mm	0.2mm	0.2mm

Forecast for Friday 10 Sep 2021

Weather: Patchy cloud and a continued risk of scattered showers. These generally somewhat lighter than Thursday but remaining heavy in places with a risk of thunder.

Maximum wind: West-southwesterly winds of 15-20mph possible over exposed peaks.

Chance of cloud free mountain/hill tops above 600m: 40% to start the day, improving to 90% through the morning but with heavy showers possibly obscuring peaks where they occur.

Visibility: Patchy low cloud likely to start the day, with bases of 200-400m in places, these clearing through the morning. Visibility becoming generally good into the afternoon but falling to a few kilometres during showers, and locally worse over some exposed peaks as cloud bases may lower to 500-600m in association with particularly heavy showers.

Temperature: **Valleys:** Plus 14 Celsius rising to 20 Celsius during the afternoon.
At 600m: Plus 14 Celsius rising to 18 Celsius during the afternoon.
Freezing level: Above summits.

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